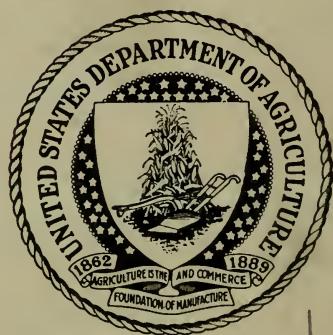


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BULLETIN NO. 4.

U. S. DEPARTMENT OF AGRICULTURE.
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INDEX TO AUTHORS

WITH

TITLES OF THEIR PUBLICATIONS

APPEARING IN THE DOCUMENTS OF THE

U. S. DEPARTMENT OF AGRICULTURE,

1841 to 1897.

BY

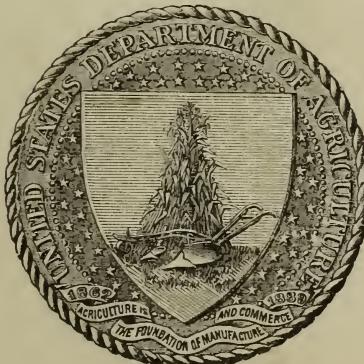
GEO. F. THOMPSON,

Assistant in Charge of Document Section, Division of Publications.

Under direction of

GEO. WM. HILL,

Chief of Division of Publications.



WASHINGTON:

GOVERNMENT PRINTING OFFICE.

1898.

LETTER OF TRANSMITTAL.

U. S. DEPARTMENT OF AGRICULTURE,
DIVISION OF PUBLICATIONS,
Washington, D. C., June 27, 1898.

SIR: I have the honor to transmit for publication as Bulletin No. 4 of the Division of Publications an Index to Authors with Titles of their Publications Appearing in the Documents of the Department of Agriculture from 1841 to 1897, inclusive; the agricultural reports published previous to 1862 as a part of the Patent Office reports being considered for the purposes of this work as agricultural reports. This index was prepared by Mr. George F. Thompson while assistant in charge of the document section of this Division, but it is due to him to say that while it thus appears properly, as the title-page shows, under the direction of the chief of this Division, the greater part of the work was actually done by Mr. Thompson outside of the regular business hours, and both the suggestion and the plan of the work are largely his own.

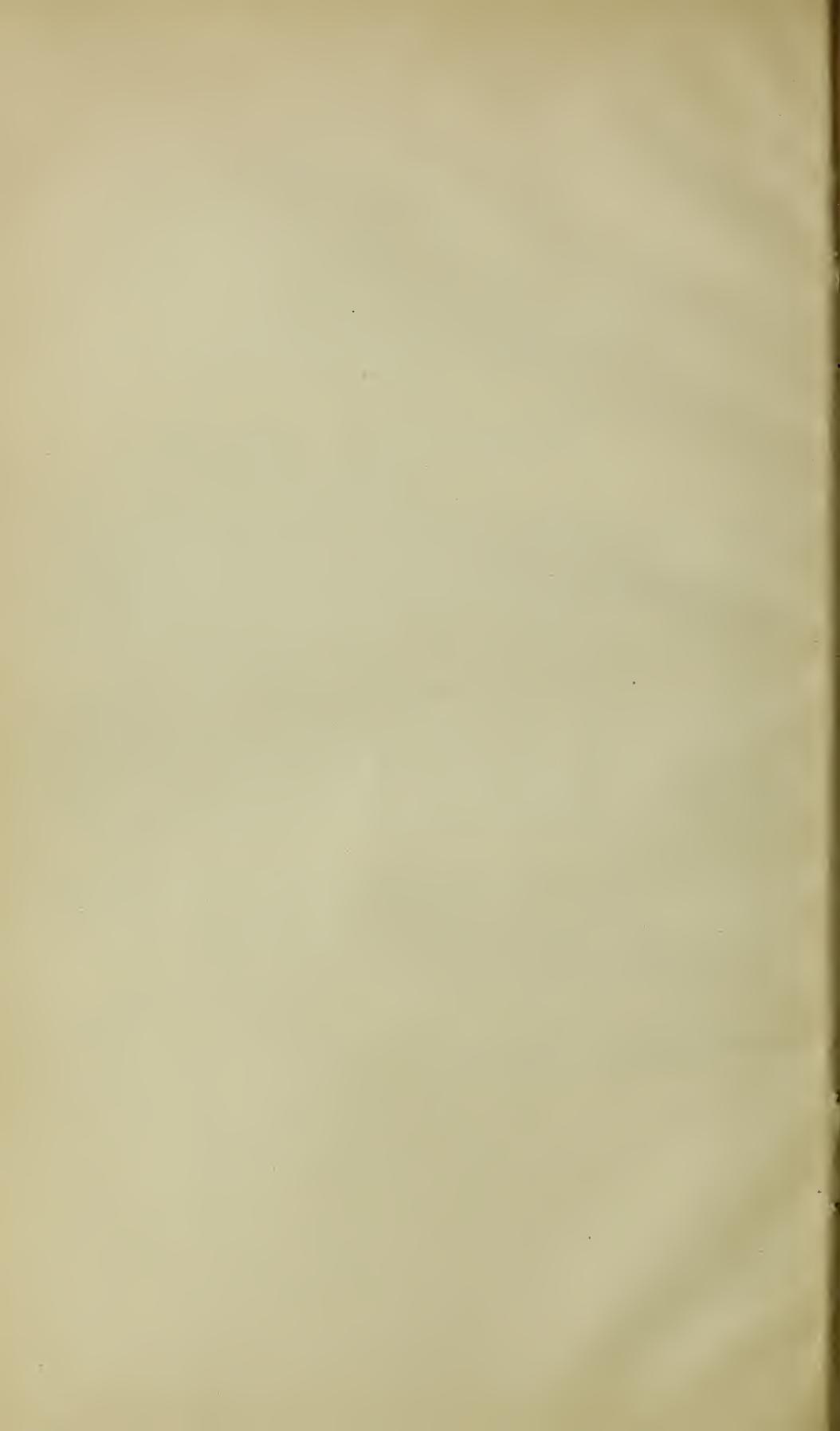
The difficulties experienced by this Division during the past two years in its effort to answer all inquiries relating to the Department publications give assurance of the usefulness of the present publication and invite further effort in the direction of index work.

Very respectfully,

GEO. WM. HILL,

Chief.

Hon. JAMES WILSON,
Secretary of Agriculture.



PREFACE.

In the Document Section, where requests for publications receive attention, a constant necessity exists for indexes of all series of the Department publications. This necessity is all the more apparent since the Division of Publications, on taking up the work of the Document Section, determined upon the policy of replying specifically to every communication received. These requests came in all manner of forms—sometimes by the number of the document, sometimes by its title, sometimes by the author's name, and sometimes by vague reference to the subject-matter. This catalogue of authors and their titles is the outgrowth of this necessity, but of course it only partially answers the requirements of complete reference books of the Department publications.

Although a conscientious effort has been made to include every author and his title, except the brief and unimportant letters appearing in the earlier agricultural reports, the hope can hardly be indulged that the catalogue is free from errors of omission; however, the hope is indulged that the errors are so few as not to impair its usefulness.

There is in the documents issued by this Department a vast amount of literature which bears no signature. There are many such articles in the annual reports and the reports of the Statistician. Of course such articles are not mentioned in an author's catalogue. Neither can proper credit be given here to a large amount of the work done on the Experiment Station Record and the seven volumes of Insect Life.

The plan of the work is to give a synopsis only where it is necessary to explain what is not clearly shown in the title. Sometimes such a title could not be framed, and in other instances there evidently was no effort to give the article a proper heading.

Previous to 1862 the agricultural reports were published as a part of the Patent Office Reports, but in this work, as in previous indexes, they are all considered as Agricultural Reports.

A key to the abbreviations used in the references is given. Articles which are without heads are supplied by myself, and are indicated by being inclosed in brackets.

GEO. F. THOMPSON.

LIST OF ABBREVIATIONS.

Ag.....	Agriculture.	Lib.....	Library.
Agros.....	Agrostology.	Misc.....	Miscellaneous.
B. A. I.....	Bureau of Animal Industry.	Mo.....	Monthly.
Biol. Surv.....	Division of Biological Survey.	Mo. W. R.....	Monthly Weather Review.
Bot.....	Botany.	N. A. Fauna.....	North American Fauna.
Chem.....	Division of Chemistry.	Nat.....	National.
Cont.....	Contributions.	n. s.....	new series.
Cot.....	Cotton.	O. E. S.....	Office of Experiment Stations.
Dis.....	Diseases.	O. and M.....	Division of Ornithology and Mammalogy.
Doc.....	Document.	Path.....	Pathology.
Ent.....	Division of Entomology.	Pom.....	Pomology.
Ent. Com.....	U. S. Entomological Commis- sion.	Pubs.....	Division of Publications.
E. S. R.....	Experiment Station Record.	Rpt.....	Report.
Ex.....	Executive.	S.....	Senate.
F. B.....	Farmers' Bulletin.	s.....	series
Fiber.....	Office of Fiber Investigations.	Soils.....	Division of Soils.
For.....	Forestry.	Spl.....	Special.
For. Mkts.....	Section of Foreign Markets.	Stat.....	Statistician.
H.....	House of Representatives.	t. s.....	technical series.
Herb.....	Herbarium.	Unnum.....	Unnumbered.
I. L.....	Insect Life.	Veg.....	Vegetable.
Inq.....	Inquiry.	W. B.....	Weather Bureau.
Irrig.....	Irrigation.	W. R.....	Weather Review.
Jour. Mycol.....	Journal of Mycology.	Y. B.....	Yearbook.

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[Report on the commerce of Dublin, Ireland.] For. Mkts. Bul. No. 1, pp. 145-153. 1895.

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[Report on farm crops, etc., in Illinois.] Ag. Rpt. 1850, pp. 402-404.

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Report on insects injurious to garden crops in Florida. Ent. Bul. No. 14, pp. 9-29. 1896.

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Establishment and first work of the Office of Experiment Stations—Publications contemplated—Work of investigation—General statements—Origin and development of agricultural experiment stations in the United States—List of agricultural experiment stations in the United States.

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Glover, Townend—Continued.

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Report of the Botanist. Ag. Rpt. 1880, pp. 375–386, illus.

Paspalum ovatum, *Setaria italicica* (Hungarian grass), *S. glauca* (foxtail, bottle grass), *Millium effusum* (wild millet), *Alopecurus pratensis* (meadow foxtail), *Phleum pratense* (timothy), *Agrostis vulgaris* (red top), *Muhlenbergia mexicana* (wood grass), *M. sylvatica* (wood grass), *Calamagrostis canadensis* (blue-joint grass), *Buchloe dactyloides* (buffalo grass), *Aira cespitosa* (hair-grass), *Arrhanatherum arenaceum* (meadow oat grass), *Holcus lanatus* (velvet grass, meadow soft grass), *Phragmites communis* (reed grass), *Melica mutica* (melic grass), *Glyceria canadensis* (rattlesnake grass), *Poa alsodes*, *Eragrostis pectinoides* var. *megastachya*, *E. purshii*, *Bromus erectus* (erect brome grass), *Lolium perenne* (rye grass and Italian rye grass), *Hordeum nodosum* (barley grass, meadow barley), *Elymus virginicus* (wild rye grass), *E. striatus* (smaller wild rye grass).

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Bermuda grass, wild oats (*Arena fatua*), *Polypogon monspeliensis* (beard grass), *Agrostis microphylla*, *A. exarata* (false red top), *Calamagrostis sylvatica*, *Muhlenbergia comata*, *Ericoma cuspidata* (bunch grass), *Stipa setigera* (beard grass, bunch grass), *Stipa eminens* (feather grass), *Aira danthonioides*, *Trisetum cernuum*, *T. subspicatum*, *Arena fatua*, *Danthonia californica*, *Koeleria cristata*, *Melica bulbosa* (bulbous melic grass), *M. imperfecta*, *Poa californica* (bunch grass), *P. arachnifera* (Texas blue grass), *Distichlis maritima* (salt grass, marsh grass), *Festuca microstachys* (small fescue grass), *Elymus condensatus* (giant rye grass), *Erodium cicutarium* (pin grass, alfilaria), *Trifolium procumbens* (small yellow clover), *Medicago lupulina* (hop medick, black medick), *M. sativa* (lucern, alfalfa).

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Report of the Botanist. Ag. Rpt. 1886, pp. 69–93, illus.

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Report of an investigation of the grasses of the arid districts of Kansas, Nebraska, and Colorado. Bot. Bul. No. 1, pp. 19, illus. 1886.

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A report on certain grasses and forage plants for cultivation in the South and Southwest. Bot. Bul. No. 3, pp. 63. illus. 1887.

Desiderata of the herbarium for North America north of Mexico: Ranunculaceæ to Rosaceæ, inclusive. Bot. Bul. No. 4, pp. 15. 1887.

Report of the Botanist. Ag. Rpt. 1888, pp. 305–324, illus.

Grasses and weeds—The pastoral resources of Montana—Mining and stock raising—General features in Montana—Climate—Native grasses—Concluding remarks.

Notes on grasses. Bot. Bul. No. 8, pp. 16, 17. 1888.

Grass experiment stations. Bot. Bul. No. 8, pp. 9–16. 1889.

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Report of the Botanist. Ag. Rpt. 1889, pp. 377–396, illus.

General statement—Relation of botany to agriculture—Advance of botanical science—Purpose of the Botanical Division—Uses of the herbarium—Experiment grass station at Garden City, Kansas—Noxious weeds—*Shortia galacifoli*—The extermination of nut grass—Florida plants—*Uniola palmeri*—Useful desert plants.

Report of the Botanist. Ag. Rpt. 1890, pp. 375–392, illus.

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Notes on some Pacific Coast grasses. Cont. Nat. Herb., vol. 1, pp. 265, 266. 1890–1895.

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Report of the Botanist. Ag. Rpt. 1891, pp. 341–358, illus.

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Plates and descriptions of the desert region of western Texas, New Mexico, Arizona, and southern California. Bot. Bul. No. 12. 1891.

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Report of the Botanist. Ag. Rpt. 1892, pp. 201–214, illus.

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Report of the Botanist and Chemist on grasses and forage plants. Ag. Rpt. 1878, pp. 157–194, illus.

Panicum texanum (Texas millet), *P. crusgalli* (barnyard grass, cock's-foot grass), *P. sanguinale* (crab grass), *P. virgatum* (tall panic grass, switch grass), *P. filiforme* (slender crab grass), *P. jumentorum* (Guinea grass), *P. obtusum* (obtuse flowered panic grass), *Cynodon dactylon* (Bermuda grass, wire grass), *Eleusine indica* (crowfoot, yard grass, dog's-tail), *Dactyloctenium aegyptiacum* (crowfoot grass), *Tripsacum dactyloides* (grama grass), *Sorghum halapense* (Johnson grass, false Guinea grass), *Sorghum nutans* (Indian grass, wood grass), *Bromus unioloides* (Schrader's grass, rescue grass), *Bromus carinatus* (California brome grass), *Andropogon scoparius* (broom grass, broom sedge), *Hierochloa borealis* (Vanilla, or Seneca grass), *Sporobolus indicus* (smut grass), *Agrostis exarata* (Northern redtop), *Poa serotina* (fowl meadow grass), *P. pratensis* (Kentucky blue grass), *Tricuspides seslerioides* (tall redtop), *Paspalum leae* (water grass), *Muhlenbergia diffusa* (dog-seed, nimble Will), *Leptochloa mucronata* (feather grass), *Setaria setosa* (pigeon grass, bristle grass), *Uniola latifolia* (wild fescue). Forage plants: *Lespedeza striata* (Japan clover), *Desmodium* (tick seed, beggar-lice), *Richardsonia scabra* (Mexican clover)—Nutrition of plants and animals—Method of analysis of grasses—Analysis of the ash—Glossary of terms used in describing grasses.

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